

21374583.txt
SEQUENCE LISTING

<110> Bander, Neil H.

<120> TREATMENT AND DIAGNOSIS OF CANCER

<130> Lois M. Kwasigroch: BZL 242/028

<140> US 09/357,708

<141> 1999-07-20

<150> US 08/895,914

<151> 1997-07-17

<150> US 08/838,682

<151> 1997-04-09

<150> US 60/016,976

<151> 1996-05-06

<150> US 60/022,125

<151> 1996-07-18

<160> 21

<170> PatentIn version 3.0

<210> 1

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 tgaatatacc atacactggg tgaagcagag ccatggaaag agccttgagt ggattggaaa 180
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 gtaggctgta ctggaggact tgtctacagt caatgtggcc ttgtcctcga acttctgatt 180
 gtaggtggtg ccaccattgt taggattgat gtttccaatc cactcaaggc tctttccatg 240
 gctctgcttc acccagtgtg tggatatctc agtgaatgtg tatccagaag tcttgcagga 300
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<210> 3

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<212> PRT

<213> Mus sp.

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 Trp Thr Thr Gly Glu Ala Trp Asp Phe Ser Glu Asp Ile Leu Gln Asp
 20 25 30
 Phe Trp Ile His Ile His Ile Tyr His Thr Leu Gly Glu Ala Glu Pro
 35 40 45

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Trp Lys Glu Pro Val Asp Trp Lys His Gln Ser Gln Trp Trp Tyr His
 50 55 60
 Leu Gln Ser Glu Val Arg Gly Gln Gly His Ile Asp Cys Arg Gln Val
 65 70 75 80
 Leu Gln Tyr Ser Leu His Gly Ala Pro Gln Pro Asn Ile Gly Phe Cys
 85 90 95
 Ser Leu Leu Leu Cys Ser Trp Leu Glu Leu Leu Leu Gly Pro Arg His
 100 105 110
 His Ser His Ser Leu Leu Ser Gln Asn Asp Thr
 115 120

<210> 4

<211> 130

<212> PRT

<213> Mus sp.

<400> 4

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 20 25 30
 Lys Thr Ser Gly Tyr Thr Phe Thr Glu Tyr Thr Ile His Trp Val Lys
 35 40 45
 Gln Ser His Gly Lys Ser Leu Glu Trp Ile Gly Asn Ile Asn Pro Asn
 50 55 60
 Asn Gly Gly Thr Thr Tyr Asn Gln Lys Phe Glu Asp Lys Ala Thr Leu
 65 70 75 80
 Thr Val Asp Lys Ser Ser Ser Thr Ala Tyr Met Glu Leu Arg Ser Leu
 85 90 95
 Thr Ser Glu Asp Ser Ala Val Tyr Tyr Cys Ala Ala Gly Trp Asn Phe
 100 105 110
 Asp Tyr Trp Gly Gln Gly Thr Thr Leu Thr Val Ser Ser Ala Lys Thr
 115 120 125
 Thr Pro
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<211> 125

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<213> Mus sp.

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<400> 5

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 Leu Leu Asp Thr His Ser Leu Asn Ile Pro Tyr Thr Gly Ser Arg Ala
 35 40 45
 Met Glu Arg Ala Leu Ser Gly Leu Glu Thr Ser Ile Leu Thr Met Val
 50 55 60
 Val Pro Pro Thr Ile Arg Ser Ser Arg Thr Arg Pro His Leu Thr Ser
 65 70 75 80
 Pro Pro Val Gln Pro Thr Trp Ser Ser Ala Ala His Leu Arg Ile Leu
 85 90 95
 Gln Ser Ile Ile Val Gln Leu Val Gly Thr Leu Thr Thr Gly Ala Lys
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catggaaaga gccttgagtg gatttgaaac atcaatccta acaatggtgg taccacctac	180
aatcagaagt tcgaggacaa ggccacattg actgtagaca agtcctccag tacagcctac	240
atggagctcc gcagcctaac atctgaggat tctgcagtct attattgtgc agctggttgg	300
aactttgact actggggcca aggcaccact ctacagctct cctca	345

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<212> DNA

<213> Mus sp.

<400> 7

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 ggacttgtct acagtcaatg tggccttgTC ctCGaacttc tgattgtagg tggTaccacc 180
 attgttagga ttgatgtttc caatccactc aaggctcttt ccatggctct gcttcacca 240
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<213> Mus sp.

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 20 25 30
 Thr Ile His Trp Val Lys Gln Ser His Gly Lys Ser Leu Glu Trp Ile
 35 40 45
 Gly Asn Ile Asn Pro Asn Asn Gly Gly Thr Thr Tyr Asn Gln Lys Phe
 50 55 60
 Glu Asp Lys Ala Thr Leu Thr Val Asp Lys Ser Ser Ser Thr Ala Tyr
 65 70 75 80
 Met Glu Leu Arg Ser Leu Thr Ser Glu Asp Ser Ala Val Tyr Tyr Cys
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 100 105 110
 Val Ser Ser
 115

<210> 9

<211> 363

<212> DNA

<213> Mus sp.

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 tacactgggg tccccgatcg cttcacaggc agtggatctg caacagattt cactctgacc 240
 atcagcagtg tgcaggctga agaccttgca gattatcact gtggacaggg ttacagctat 300
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<210> 10

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 gatggtcaga gtgaaatctg ttgcagatcc actgcctgtg aagcgatcgg ggaccccagt 180
 gtaccggttg gatgccccgt atatcagcag tttaggagac tgctctggtt tctgttgata 240
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<210> 11

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 20 25 30
 Glu Asn Val Val Thr Tyr Val Ser Trp Tyr Gln Gln Lys Pro Glu Gln
 35 40 45
 Ser Pro Lys Leu Leu Ile Tyr Gly Ala Ser Asn Arg Tyr Thr Gly Val
 50 55 60
 Pro Asp Arg Phe Thr Gly Ser Gly Ser Ala Thr Asp Phe Thr Leu Thr
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Lys arg ala asp ala ala pro thr val
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<210>	12
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Leu Met Phe Pro Gly Ile Asn Arg Asn Gln Ser Ser Leu Leu Asn Cys
35      40      45
Tyr Thr Gly His Pro Thr Gly Thr Leu Gly Ser Pro Ile Ala Ser Gln
50      55      60
Ala Val Asp Leu Gln Gln Ile Ser Leu Pro Ser Ala Val Cys Arg Leu
65      70      75
Lys Thr Leu Gln Ile Ile Thr Val Asp Arg Val Thr Ala Ile Arg Thr
85      90      95
Arg Ser Glu Gly Gly Pro Ser Trp Lys Asn Gly Leu Met Leu His Gln
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Leu Tyr

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<210>	13
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<213>	MUS sp.

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 1 5 10 15
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		agatccactg	cctgtgaagc	gatcggggac	cccagtgtac	cggttggatg	ccccgtatat	180
		cagcagttta	ggagactgct	ctggtttctg	ttgataccag	gaaacataag	taaccacatt	240

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 Val Ser Trp Tyr Gln Gln Lys Pro Glu Gln Ser Pro Lys Leu Leu Ile
 35 40 45
 Tyr Gly Ala Ser Asn Arg Tyr Thr Gly Val Pro Asp Arg Phe Thr Gly
 50 55 60
 Ser Gly Ser Ala Thr Asp Phe Thr Leu Thr Ile Ser Ser Val Gln Ala
 65 70 75 80
 Glu Asp Leu Ala Asp Tyr His Cys Gly Gln Gly Tyr Ser Tyr Pro Tyr
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 Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys
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<210> 17

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 ggacaatctc ctaaactact gatttattgg gcatccactc ggcacactgg agtccttgat 180
 cgcttcacag gcagtggatc tgggacagac ttactctca ccattactaa tggtcagttc 240
 gaagacttgg cagattattt ctgtcagcaa tataacagct atcctctcac gtccggtgct 300
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<210> 18

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<211> 321

<212> DNA

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 cagtagttta ggagattgtc ctggtttctg ttgataccag tctacagcag taccacatc 240
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<210> 19

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<212> PRT

<213> Mus sp.

<400> 19

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 20 25 30
 Val Asp Trp Tyr Gln Gln Lys Pro Gly Gln Ser Pro Lys Leu Leu Ile
 35 40 45
 Tyr Trp Ala Ser Thr Arg His Thr Gly Val Pro Asp Arg Phe Thr Gly
 50 55 60
 Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Thr Asn Val Gln Ser
 65 70 75 80
 Glu Asp Leu Ala Asp Tyr Phe Cys Gln Gln Tyr Asn Ser Tyr Pro Leu
 85 90 95
 Thr Phe Gly Ala Gly Thr Met Leu Asp Leu Lys
 100 105

<210> 20

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<212> PRT

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 20 25 30
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 35 40 45
 Ile Gly Asp Ile Asn Pro Gly Asn Gly Gly Thr Ser Tyr Asn Gln Lys
 50 55 60
 Phe Lys Gly Lys Ala Thr Leu Thr Val Asp Lys Ser Ser Ser Thr Ala
 65 70 75 80
 Tyr Met Gln Leu Ser Ser Leu Thr Ser Glu Asp Ser Ala Val Tyr Tyr
 85 90 95
 Cys Ala Arg Gly Tyr Tyr Ser Ser Ser Tyr Met Ala Tyr Tyr Ala Phe
 100 105 110
 Asp Tyr Trp Gly Gln Gly Thr Thr Val Thr Val Ser Ser
 115 120 125

<210> 21

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<212> PRT

<213> Mus sp.

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 35 40 45
 Ile Tyr Tyr Ala Ser Arg Leu His Ser Gly Val Pro Ser Arg Phe Ser
 50 55 60
 Gly Ser Gly Ser Gly Thr Asp Tyr Ser Leu Thr Ile Ser Asn Leu Glu
 65 70 75 80
 Gln Glu Asp Ile Ala Thr Tyr Phe Cys Gln Gln Gly Asn Thr Leu Pro
 85 90 95
 Pro Arg Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys
 100 105

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